

IN THE SPECIFICATION:

Please replace the paragraph at page 4, starting at line 13 with the following rewritten paragraph:

--An information processing apparatus for recording AV stream data on a recording medium includes a controller for generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recorder for recording one of the first table and the second table, as selected depending on a recording method, on the recording medium along with the AV stream data.--

Please replace the paragraphs on page 5 starting at line 3, with the following rewritten paragraphs:

--The controller may select the second table in case of non-cognizant recording.

The controller may select the first table in case of self encoding recording.

The controller may select the first table in case of cognizant recording.

The controller may generate identification information indicating which of the first and second tables have been recorded and the recorder may memorize the identification information.

The controller manages control so that, if the first table is recorded along with the AV stream data, the reproduction domain specifying information expresses the time information of the reproduction domain of the AV stream data on the presentation time basis, and so that, if the second table is recorded along with the AV stream data, the reproduction domain specifying information expresses the time information of the reproduction domain of the AV stream data on the arrival time basis.--

Please replace the two paragraphs at page 6 with the following rewritten paragraphs:

--The present invention also provides an information processing method for recording AV stream data on a recording medium including a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording step of recording one of the first table and the second table, as selected depending on a recording method, on the recording medium along with the AV stream data.

The present invention also provides a recording medium having recorded thereon a computer-readable program for an information processing apparatus recording AV stream data on a recording medium, in which the program includes a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording step of recording one of the first table and the second table, as selected depending on a recording method, on the recording medium along with the AV stream data.--

Please replace the two paragraphs at page 7 with the following rewritten paragraphs:

--The present invention also provides a program for having a computer, controlling an information processing apparatus recording AV stream data on a recording medium, execute a generating step of generating a first table describing the relation of correspondence between presentation time stamp and an address in the AV stream data of a corresponding access unit, or a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in the AV stream data of a corresponding transport packet, and a recording step of recording one of the first table and the